

Applic. No. 10/054,439
Amdt. dated April 26, 2004
Reply to Office action of January 26, 2004

Claim Amendments

Claim 1 (cancelled).

Claim 2 (currently amended): The adjusting device according to claim [[1]] 8, wherein said mounting support comprises at least one eccentric bearing having an eccentricity.

Claims 3-4 (cancelled)

Claim 5 (currently amended): The adjusting device according to claim [[1]] 8, wherein said rotational axis of ~~the sheet~~ said first sheet transport cylinder, both in said first and in said second axial position thereof, extends axially parallel to ~~an axis of rotation~~ said rotational axis of an ~~adjacent~~ said impression cylinder.

Claim 6 (cancelled)

Claim 7 (currently amended): A sheet-fed rotary printing machine having at least one adjusting device for adjusting a sheet transport cylinder, depending upon various printing-sheet thicknesses, comprising a mounting support for mounting the sheet transport cylinder so that a rotational axis of the sheet transport cylinder is adjustable from a first axial

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position, which corresponds to a given printing-sheet thickness, to a second axial position, which corresponds to another printing-sheet thickness and is axially parallel to said first axial position, and adjusting directions lying at least approximately on a bisector of an angle determined by the rotational axis of the sheet transport cylinder and rotational axes of other sheet transport cylinders adjacent the first-mentioned sheet transport cylinder.

Claim 8 (new): A sheet-fed rotary printing machine, comprising:

a first sheet transport cylinder;

a second sheet transport cylinder;

an impression cylinder having a rotational axis;

said first sheet transport cylinder being disposed between said second sheet transport cylinder and said impression cylinder, and said first sheet transport cylinder together with said second sheet transport cylinder and said impression cylinder defining cylinder nips; and

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an adjusting device for adjusting said first sheet transport cylinder dependent upon various printing sheet thicknesses, said adjusting device including:

a mounting support for mounting said first transport cylinder and for adjusting said rotational axis of said first sheet transport cylinder from a first axial position corresponding to a given printing-sheet thickness to a second axial position corresponding to another printing sheet thickness, said second axial position being parallel to said first axial position; and

a movement path described by said rotational axis of said first sheet transport cylinder during an adjustment of said rotational axis of said first sheet transport cylinder from said first to said second axial position corresponding to a line effecting a change in terms of size of said cylinder nips at least approximately to the same mutual extent.